



PINNACLE — ANALYTICS —

Potency Results

Sample Name: *Sour Lifter*
Client: Farm 127
Client Batch ID:

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-370

Matrix: Flower

Prep Analyst: Megan E.

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

Analysis Batch: 8-25-2023 H3 128, 205, 247, 276, 370, 382 Flower

Date Sampled: 8/25/2023
Date Reported: 8/28/2023
Client License: *Redacted*
Redacted

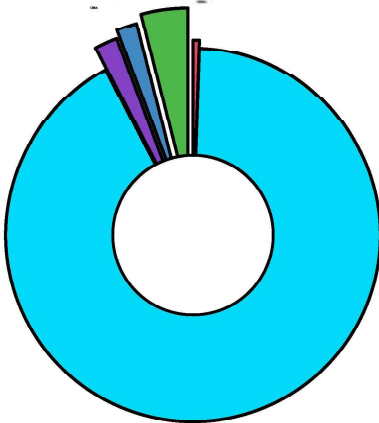
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC) **0.75%**
Total CBD (CBDA*0.877+CBD) **17.4%**
Moisture Content **14.2%**

| Cannabinoid | % Weight | mg/g |
|---------------------------|--------------|--------------|
| CBDVA | 0.114 | 1.14 |
| CBDV | <LOQ | <LOQ |
| CBDA* | 19.5 | 195.0 |
| CBGA | 0.42 | 4.2 |
| CBG | <LOQ | <LOQ |
| CBD* | 0.372 | 3.72 |
| THCV | <LOQ | <LOQ |
| CBN | <LOQ | <LOQ |
| d9-THC* | <LOQ | <LOQ |
| d8-THC* | <LOQ | <LOQ |
| CBC | <LOQ | <LOQ |
| THCA* | 0.856 | 8.56 |
| Total Cannabinoids | 21.26 | 213.0 |

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



■ CBDVA ■ CBD*
■ CBDA* ■ THCA*
■ CBGA



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Report generated by Routine_Potency_Rev13_8-1-2023

Kris Ford, PhD
Lab Director



PINNACLE — ANALYTICS —

Quality Control Results

Analyst: Megan E.

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504

Analysis Batch: 8-25-2023 H3 128, 205, 247, 276, 370, 382 Flower P:(541)300-8217

| | Duplicate RPD | | LCS % Recovery | | Method Blank | |
|---------------|---------------|-------|----------------|---------|--------------|-------|
| | H-0-D1282-b | Limit | C-FL-082523 | Limits | C-FB-082523 | Limit |
| CBDA | 0.426% | 10% | 102.0% | 90-110% | <LOQ/2 | LOQ/2 |
| CBD | 0.643% | 30% | 108.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d9-THC | <LOQ% | 30% | 101.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d8-THC | <LOQ% | 30% | 95.8% | 90-110% | <LOQ/2 | LOQ/2 |
| THCA | 0.316% | 10% | 96.9% | 90-110% | <LOQ/2 | LOQ/2 |

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Lab Director

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541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

127 - SL - 23 - A

Pinnacle Analytics

010-101599328A3

Confident Cannabis ID: 2310PREE1269.5415

Sample ID: C231490-02

Matrix: Useable Marijuana

METRC Batch #:

Sampling Method/SOP: FSOP #101

Date Sampled: 10/5/2023 9:15:00AM

Date Accepted: 10/05/23

Harvest/Process Lot ID:

Batch ID:

Batch Size (g):

Unit for Sale:

Harvest/Production Date:

Moisture Content

Date/Time Analyzed: 10/10/23 11:15
Analysis Method/SOP: LSOP #301

Moisture: 9.020 %

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, delta 8-THC, THCA, CBD and CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%. Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.



Carson Newkirk
Laboratory Manager - 10/12/2023

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127 - SL - 23 - A

Pinnacle Analytics

010-101599328A3

Sample ID: C231490-02 METRC Batch #:

Matrix: Useable Marijuana

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Terpene Analysis

Date/Time Extracted: 10/11/23 12:44

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 10/11/23 18:10

Sample extracted and analyzed at PREE Lab - North

| Analyte | LOQ (mg/g) | Mass (mg/g) | Mass (%) | Analyte | LOQ (mg/g) | Mass (mg/g) | Mass (%) |
|---------------------|------------|-------------|----------|----------------------|------------|--------------|-------------|
| alpha-Pinene | 0.100 | 0.171 | 0.0171 | beta-Pinene | 0.100 | 0.217 | 0.0217 |
| Camphene | 0.100 | < LOQ | < LOQ | Sabinene | 0.100 | < LOQ | < LOQ |
| Sabinene hydrate | 0.100 | < LOQ | < LOQ | beta-Myrcene | 0.100 | 2.52 | 0.252 |
| p-Mentha-1,5-diene | 0.100 | < LOQ | < LOQ | (+)-3-Carene | 0.100 | 0.110 | 0.011 |
| alpha-Terpinene | 0.100 | < LOQ | < LOQ | gamma-Terpinene | 0.100 | < LOQ | < LOQ |
| Limonene | 0.100 | 0.456 | 0.0456 | Eucalyptol | 0.100 | < LOQ | < LOQ |
| Guaiol | 0.100 | 0.725 | 0.0725 | Terpinolene | 0.100 | < LOQ | < LOQ |
| Linalool | 0.100 | 0.319 | 0.0319 | Camphor | 0.100 | < LOQ | < LOQ |
| (+)-Camphor | 0.100 | < LOQ | < LOQ | (-)-Camphor | 0.100 | < LOQ | < LOQ |
| Isopulegol | 0.100 | < LOQ | < LOQ | Isoborneol | 0.100 | < LOQ | < LOQ |
| Borneol | 0.100 | 0.123 | 0.0123 | Hexahydrothymol | 0.100 | < LOQ | < LOQ |
| Geraniol | 0.100 | < LOQ | < LOQ | (+)-Pulegone | 0.100 | < LOQ | < LOQ |
| Nerol | 0.100 | < LOQ | < LOQ | cis-Nerolidol | 0.100 | < LOQ | < LOQ |
| trans-Nerolidol | 0.100 | 0.344 | 0.0344 | Geranyl acetate | 0.100 | < LOQ | < LOQ |
| alpha-Cedrene | 0.100 | < LOQ | < LOQ | trans-Caryophyllene | 0.100 | 4.14 | 0.414 |
| Caryophyllene Oxide | 0.100 | 0.400 | 0.04 | alpha-Humulene | 0.100 | 2.62 | 0.262 |
| Valencene | 0.100 | < LOQ | < LOQ | alpha-Farnesene | 0.100 | < LOQ | < LOQ |
| beta-Farnesene | 0.100 | < LOQ | < LOQ | Cedrol | 0.100 | < LOQ | < LOQ |
| alpha-Bisabolol | 0.100 | 1.28 | 0.128 | Fenchone | 0.100 | < LOQ | < LOQ |
| Fenchyl Alcohol | 0.100 | < LOQ | < LOQ | trans, beta- Ocimene | 0.100 | 0.103 | 0.0103 |
| beta, cis- Ocimene | 0.100 | 0.488 | 0.0488 | Terpineol | 0.100 | 0.268 | 0.0268 |
| Total (Sum): | | | | | | 14.28 | 1.43 |

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited. Results reported as dry weight. LOQ = Limit of Quantitation.



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127 - SL - 23 - A

Pinnacle Analytics

010-101599328A3

Sample ID: C231490-02

METRC Batch Package #:

Matrix: Useable Marijuana

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23 09:15

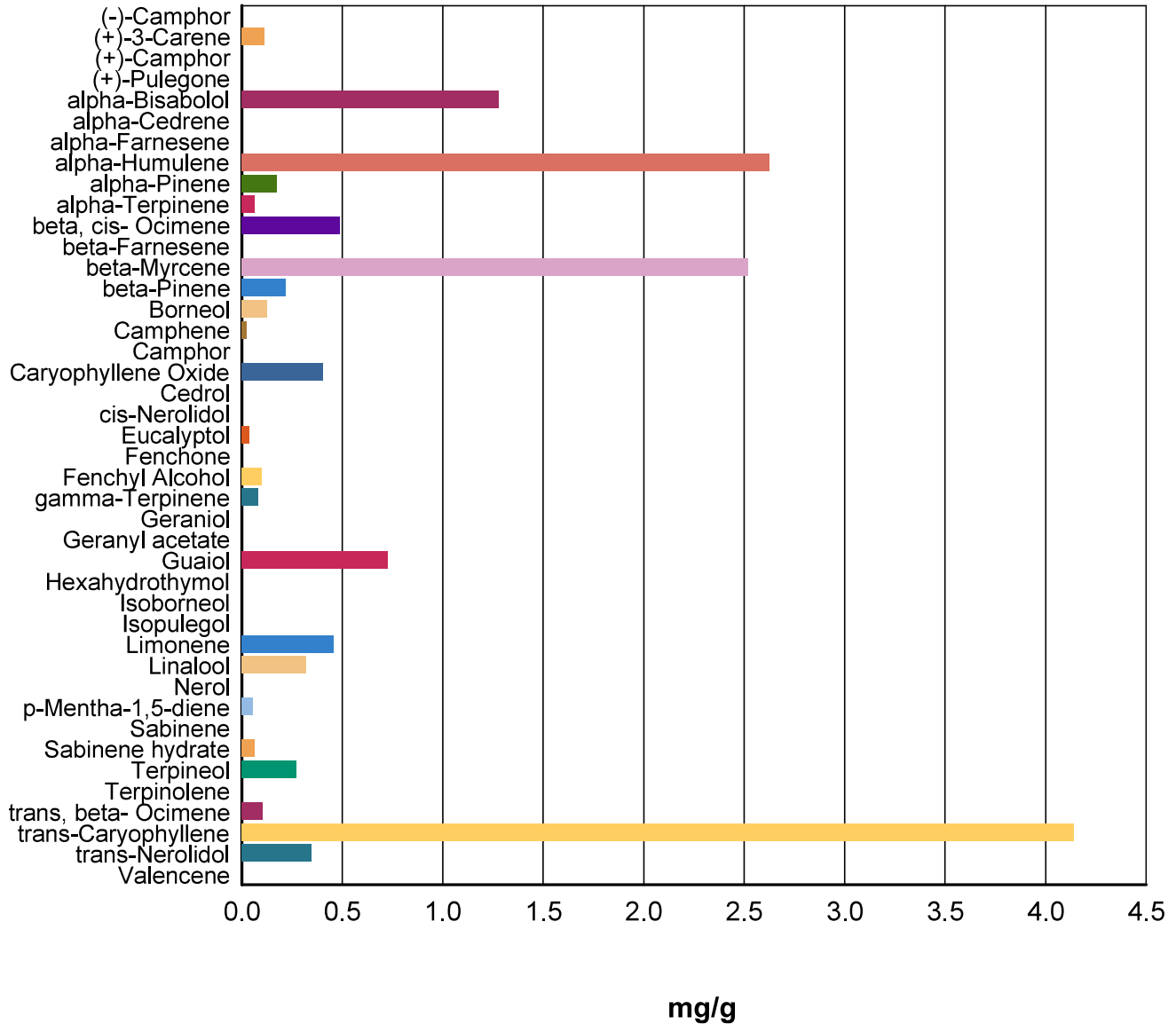
Results Valid Until: 10/04/24

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Terpene Profile



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Notes and Definitions

| Item | Definition |
|-------------|---|
| HIGH BIAS | High analyte recovery, yet no detection of that analyte in samples. |



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Composite Sample (02,03,04,05,06)

Pinnacle Analytics
010-101599328A3

Sample ID: C231490-01

METRC Batch #:

Matrix: Useable Marijuana

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23

Batch ID: 127 - 23 - A

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 10/11/23 10:56

Date/Time Analyzed: 10/12/2023 9:38:00AM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

Sample extracted and analyzed at PREE Lab - North

| Analyte | LOQ | Action Level | Result | Units | Type |
|---------------------|-------|--------------|--------|-------|---------------------------------|
| Abamectin | 0.200 | 0.5 | < LOQ | ppm | |
| Acephate | 0.200 | 0.4 | < LOQ | ppm | Organophosphate insecticide |
| Acequinocyl | 1.00 | 2 | < LOQ | ppm | |
| Acetamiprid | 0.100 | 0.2 | < LOQ | ppm | Neonicotinoid insecticide |
| Aldicarb | 0.200 | 0.4 | < LOQ | ppm | Carbamate insecticide |
| Azoxystrobin | 0.100 | 0.2 | < LOQ | ppm | |
| Bifenazate | 0.100 | 0.2 | < LOQ | ppm | Unclassified insecticide |
| Bifenthrin | 0.100 | 0.2 | < LOQ | ppm | |
| Boscalid | 0.200 | 0.4 | < LOQ | ppm | Anilide fungicide |
| Carbaryl | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Carbofuran | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Chlorantraniliprole | 0.100 | 0.2 | < LOQ | ppm | Anthranilic diamide insecticide |
| Chlorfenapyr | 0.400 | 1 | < LOQ | ppm | Pyrazole insecticide |
| Chlorpyrifos | 0.100 | 0.2 | < LOQ | ppm | Organophosphate insecticide |
| Clofentezine | 0.100 | 0.2 | < LOQ | ppm | |
| Cyfluthrin | 0.400 | 1 | < LOQ | ppm | |
| Cypermethrin | 0.400 | 1 | < LOQ | ppm | |
| Daminozide | 0.400 | 1 | < LOQ | ppm | |
| DDVP (Dichlorvos) | 0.400 | 1 | < LOQ | ppm | |
| Diazinon | 0.100 | 0.2 | < LOQ | ppm | Organophosphate insecticide |
| Dimethoate | 0.100 | 0.2 | < LOQ | ppm | |
| Ethoprophos | 0.100 | 0.2 | < LOQ | ppm | |
| Etofenprox | 0.200 | 0.4 | < LOQ | ppm | |
| Etoxazole | 0.100 | 0.2 | < LOQ | ppm | Unclassified miticide |
| Fenoxycarb | 0.100 | 0.2 | < LOQ | ppm | |
| Fenpyroximate | 0.200 | 0.4 | < LOQ | ppm | |
| Fipronil | 0.200 | 0.4 | < LOQ | ppm | Pyrazole insecticide |
| Fonicamid | 0.400 | 1 | < LOQ | ppm | Pyridinecarboxamide insecticide |
| Fludioxonil | 0.200 | 0.4 | < LOQ | ppm | non-systemic fungicide |
| Hexythiazox | 0.400 | 1 | < LOQ | ppm | |
| Imazalil | 0.100 | 0.2 | < LOQ | ppm | Azole fungicide |
| Imidacloprid | 0.200 | 0.4 | < LOQ | ppm | Neonicotinoid insecticide |
| Kresoxim-methyl | 0.200 | 0.4 | < LOQ | ppm | |
| Malathion | 0.100 | 0.2 | < LOQ | ppm | |
| Metalaxyl | 0.100 | 0.2 | < LOQ | ppm | |
| Methiocarb | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Methomyl | 0.200 | 0.4 | < LOQ | ppm | Carbamate insecticide |



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Composite Sample (02,03,04,05,06)

Pinnacle Analytics

010-101599328A3

Sample ID: C231490-01

METRC Batch #:

Matrix: Useable Marijuana

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23

Batch ID: 127 - 23 - A

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 10/11/23 10:56

Date/Time Analyzed: 10/12/2023 9:38:00AM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

Sample extracted and analyzed at PREE Lab - North

| Analyte | LOQ | Action Level | Result | Units | Type |
|--------------------|-------|--------------|--------|-------|------------------------------|
| Methyl parathion | 0.100 | 0.2 | < LOQ | ppm | |
| MGK-264 | 0.100 | 0.2 | < LOQ | ppm | |
| Myclobutanil | 0.100 | 0.2 | < LOQ | ppm | Azole fungicide |
| Naled | 0.200 | 0.5 | < LOQ | ppm | |
| Oxamyl | 0.400 | 1 | < LOQ | ppm | Carbamate insecticide |
| Paclobutrazol | 0.200 | 0.4 | < LOQ | ppm | Azole plant growth regulator |
| Permethrins | 0.100 | 0.2 | < LOQ | ppm | |
| Phosmet | 0.100 | 0.2 | < LOQ | ppm | Organophosphate insecticide |
| Piperonyl butoxide | 1.00 | 2 | < LOQ | ppm | |
| Prallethrin | 0.100 | 0.2 | < LOQ | ppm | |
| Propiconazole | 0.200 | 0.4 | < LOQ | ppm | |
| Propoxur | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Pyrethrins | 0.400 | 1 | < LOQ | ppm | |
| Pyridaben | 0.100 | 0.2 | < LOQ | ppm | Unclassified insecticide |
| Spinosad | 0.100 | 0.2 | < LOQ | ppm | Spinosyn insecticide |
| Spiromesifen | 0.100 | 0.2 | < LOQ | ppm | Keto-enol insecticide |
| Spirotetramat | 0.100 | 0.2 | < LOQ | ppm | Keto-enol insecticide |
| Spiroxamine | 0.200 | 0.4 | < LOQ | ppm | Unclassified fungicide |
| Tebuconazole | 0.200 | 0.4 | < LOQ | ppm | |
| Thiadoprid | 0.100 | 0.2 | < LOQ | ppm | |
| Thiamethoxam | 0.100 | 0.2 | < LOQ | ppm | Neonicotinoid insectide |
| Trifloxystrobin | 0.100 | 0.2 | < LOQ | ppm | Strobin fungicide |

Results above the action level fail Oregon state testing requirements and will be highlighted **RED**.

LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007.



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Composite Sample (02,03,04,05,06)

Pinnacle Analytics

010-101599328A3

Sample ID: C231490-01

METRC Batch #:

Matrix: Useable Marijuana

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23

Batch ID: 127 - 23 - A

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Microbial Analysis

Date/Time Extracted: 10/06/23 09:28

Date/Time Analyzed: 10/9/2023 3:09:05PM

Analysis Method/SOP: LSOP #310

Sample extracted and analyzed at PREE Lab - South

| Analyte | Result | Units | Pass/Fail |
|-----------------|--------|-------|-----------|
| Salmonella spp. | Absent | /g | PASS |
| STEC E. coli | Absent | /g | PASS |

Analytical instrumentation: Thomas Scientific Applied Biosystem qPCR located at PREE Lab - South



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Composite Sample (02,03,04,05,06)

Pinnacle Analytics

010-101599328A3

Sample ID: C231490-01

Matrix: Useable Marijuana

METRC Batch #:

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23

Batch ID: 127 - 23 - A

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Heavy Metals Analysis

Date Extracted: 10/06/23

Date Analyzed: 10/09/23

Analysis Method/SOP: LSOP #309

Sample extracted and analyzed at PREE Lab - South

| Analyte | LOQ (ug/g) | Action Level (ug/g) | Result (ug/g) |
|---------|------------|---------------------|---------------|
| Mercury | 0.0400 | 0.1 | ND |
| Lead | 0.160 | 0.5 | ND |
| Cadmium | 0.0800 | 0.2 | ND |
| Arsenic | 0.0800 | 0.2 | ND |

LOQ= Limit of Quantitation; ND= Not Detected;
The reported result is based on sample weight for this sample;
Analytical instrumentation: Agilent 7850 ICP-MS located at PREE Lab - South



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Composite Sample (02,03,04,05,06)

Pinnacle Analytics

010-101599328A3

Sample ID: C231490-01

Matrix: Useable Marijuana

METRC Batch #:

Date Sampled: 10/05/23 09:15

Date Accepted: 10/05/23

Batch ID: 127 - 23 - A

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Mycotoxins

Date Extracted: 10/11/23

Date Analyzed: 10/12/23

Analysis Method/SOP: SOP.T.40.080

Sample extracted and analyzed at PREE Lab - North

| Analyte | LOQ (ug/g) | Action Level | Result (ug/g) |
|------------------|------------|--------------|---------------|
| Total Aflatoxins | 0.0100 | 0.02 | ND |
| Ochratoxin A | 0.0100 | 0.02 | ND |
| Aflatoxin G2 | 0.0100 | 0.02 | ND |
| Aflatoxin G1 | 0.0100 | 0.02 | ND |
| Aflatoxin B2 | 0.0100 | 0.02 | ND |
| Aflatoxin B1 | 0.0100 | 0.02 | ND |

LOQ= Limit of Quantitation; ND= Not Detected;
The reported result is based on sample weight for this sample;
Analytical instrumentation: Perkin Elemer Qsight LX50



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Quality Control

Batch: C23J036 - LSOP #310 Microbial Analysis

| Blank(C23J036-BLK1) | | | Extracted: 10/06/23 09:28 | | | Analyzed: 10/09/23 15:09 | | | |
|---------------------|--------|-----------|---------------------------|-------|-----------------|--------------------------|-----------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| STEC E. coli | Absent | 0.500 (g) | < LOQ | | Salmonella spp. | Absent | 0.500 (g) | < LOQ | |

| Reference(C23J036-SRM1) | | | Extracted: 10/06/23 09:28 | | | Analyzed: 10/09/23 15:09 | | | |
|-------------------------|---------|-----|---------------------------|-------|-----------------|--------------------------|-----|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| STEC E. coli | Present | (g) | 100-100 | | Salmonella spp. | Present | (g) | 100-100 | |

Batch: C23J040 - LSOP #309 Heavy Metal Quantification

| Blank(C23J040-BLK1) | | | Extracted: 10/06/23 12:25 | | | Analyzed: 10/09/23 11:49 | | | |
|---------------------|--------|---------------|---------------------------|-------|---------|--------------------------|---------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| Arsenic | < LOQ | 0.0800 (ug/g) | < LOQ | | Lead | < LOQ | 0.160 (ug/g) | < LOQ | |
| Mercury | < LOQ | 0.0400 (ug/g) | < LOQ | | Cadmium | < LOQ | 0.0800 (ug/g) | < LOQ | |

| LCS(C23J040-BS1) | | | Extracted: 10/06/23 12:25 | | | Analyzed: 10/09/23 11:53 | | | |
|------------------|------------|---------------|---------------------------|-------|---------|--------------------------|---------------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Arsenic | 93.4 | 0.0800 (ug/g) | 80-115 | | Lead | 103 | 0.160 (ug/g) | 80-115 | |
| Mercury | 96.0 | 0.0400 (ug/g) | 80-115 | | Cadmium | 95.1 | 0.0800 (ug/g) | 80-115 | |

| LCS Dup(C23J040-BSD1) | | | Extracted: 10/06/23 12:25 | | | Analyzed: 10/09/23 13:28 | | | |
|-----------------------|------------|---------------|---------------------------|-------|---------|--------------------------|---------------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Arsenic | 96.4 | 0.0800 (ug/g) | 80-115 | | Lead | 99.7 | 0.160 (ug/g) | 80-115 | |
| Mercury | 97.9 | 0.0400 (ug/g) | 80-115 | | Cadmium | 94.7 | 0.0800 (ug/g) | 80-115 | |

Batch: P23J042 - SOP.T.30.060 Pesticide Prep

| Blank(P23J042-BLK1) | | | Extracted: 10/11/23 10:56 | | | Analyzed: 10/12/23 09:38 | | | |
|---------------------|--------|--------------|---------------------------|-------|------------------|--------------------------|--------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| Methyl parathion | < LOQ | 0.100 (ppm) | < LOQ | | Ochratoxin A | < LOQ | 0.0100 (ppm) | < LOQ | |
| Aflatoxin G2 | < LOQ | 0.0100 (ppm) | < LOQ | | MGK-264 | < LOQ | 0.100 (ppm) | < LOQ | |
| Aflatoxin G1 | < LOQ | 0.0100 (ppm) | < LOQ | | Chlorfenapyr | < LOQ | 0.400 (ppm) | < LOQ | |
| Aflatoxin B2 | < LOQ | 0.0100 (ppm) | < LOQ | | Cyfluthrin | < LOQ | 0.400 (ppm) | < LOQ | |
| Aflatoxin B1 | < LOQ | 0.0100 (ppm) | < LOQ | | Cypermethrin | < LOQ | 0.400 (ppm) | < LOQ | |
| Abamectin | < LOQ | 0.200 (ppm) | < LOQ | | Total Aflatoxins | < LOQ | 0.0100 (ppm) | < LOQ | |
| Acephate | < LOQ | 0.200 (ppm) | < LOQ | | Acequinocyl | < LOQ | 1.00 (ppm) | < LOQ | |
| Acetamiprid | < LOQ | 0.100 (ppm) | < LOQ | | Aldicarb | < LOQ | 0.200 (ppm) | < LOQ | |
| Azoxystrobin | < LOQ | 0.100 (ppm) | < LOQ | | Bifenazate | < LOQ | 0.100 (ppm) | < LOQ | |
| Bifenthrin | < LOQ | 0.100 (ppm) | < LOQ | | Boscalid | < LOQ | 0.200 (ppm) | < LOQ | |
| Carbaryl | < LOQ | 0.100 (ppm) | < LOQ | | Carbofuran | < LOQ | 0.100 (ppm) | < LOQ | |
| Chlorantraniliprole | < LOQ | 0.100 (ppm) | < LOQ | | Chlorpyrifos | < LOQ | 0.100 (ppm) | < LOQ | |
| Clofentezine | < LOQ | 0.100 (ppm) | < LOQ | | Daminozide | < LOQ | 0.400 (ppm) | < LOQ | |



Carson Newkirk
Laboratory Manager - 10/12/2023

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Quality Control

Batch: P23J042 - SOP.T.30.060 Pesticide Prep (Continued)

| Blank(P23J042-BLK1) | | | Extracted: 10/11/23 10:56 | | Analyzed: 10/12/23 09:38 | | | | |
|---------------------|--------|-------------|---------------------------|-------|--------------------------|--------|-------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| DDVP (Dichlorvos) | < LOQ | 0.400 (ppm) | < LOQ | | Diazinon | < LOQ | 0.100 (ppm) | < LOQ | |
| Dimethoate | < LOQ | 0.100 (ppm) | < LOQ | | Ethoprophos | < LOQ | 0.100 (ppm) | < LOQ | |
| Etofenprox | < LOQ | 0.200 (ppm) | < LOQ | | Etoazole | < LOQ | 0.100 (ppm) | < LOQ | |
| Fenoxycarb | < LOQ | 0.100 (ppm) | < LOQ | | Fenpyroximate | < LOQ | 0.200 (ppm) | < LOQ | |
| Fipronil | < LOQ | 0.200 (ppm) | < LOQ | | Flonicamid | < LOQ | 0.400 (ppm) | < LOQ | |
| Fludioxonil | < LOQ | 0.200 (ppm) | < LOQ | | Hexythiazox | < LOQ | 0.400 (ppm) | < LOQ | |
| Imazalil | < LOQ | 0.100 (ppm) | < LOQ | | Imidacloprid | < LOQ | 0.200 (ppm) | < LOQ | |
| Kresoxim-methyl | < LOQ | 0.200 (ppm) | < LOQ | | Malathion | < LOQ | 0.100 (ppm) | < LOQ | |
| Metalaxyl | < LOQ | 0.100 (ppm) | < LOQ | | Methiocarb | < LOQ | 0.100 (ppm) | < LOQ | |
| Methomyl | < LOQ | 0.200 (ppm) | < LOQ | | Myclobutanil | < LOQ | 0.100 (ppm) | < LOQ | |
| Naled | < LOQ | 0.200 (ppm) | < LOQ | | Oxamyl | < LOQ | 0.400 (ppm) | < LOQ | |
| Paclobutrazol | < LOQ | 0.200 (ppm) | < LOQ | | Permethrins | < LOQ | 0.100 (ppm) | < LOQ | |
| Phosmet | < LOQ | 0.100 (ppm) | < LOQ | | Piperonyl butoxide | < LOQ | 1.00 (ppm) | < LOQ | |
| Prallethrin | < LOQ | 0.100 (ppm) | < LOQ | | Propiconazole | < LOQ | 0.200 (ppm) | < LOQ | |
| Propoxur | < LOQ | 0.100 (ppm) | < LOQ | | Pyridaben | < LOQ | 0.100 (ppm) | < LOQ | |
| Pyrethrins | < LOQ | 0.400 (ppm) | < LOQ | | Spinosad | < LOQ | 0.100 (ppm) | < LOQ | |
| Spiromesifen | < LOQ | 0.100 (ppm) | < LOQ | | Spirotetramat | < LOQ | 0.100 (ppm) | < LOQ | |
| Spiroxamine | < LOQ | 0.200 (ppm) | < LOQ | | Tebuconazole | < LOQ | 0.200 (ppm) | < LOQ | |
| Thiacloprid | < LOQ | 0.100 (ppm) | < LOQ | | Thiamethoxam | < LOQ | 0.100 (ppm) | < LOQ | |
| Trifloxystrobin | < LOQ | 0.100 (ppm) | < LOQ | | | | | | |

| LCS(P23J042-BS1) | | | Extracted: 10/11/23 10:56 | | Analyzed: 10/12/23 09:38 | | | | |
|------------------|------------|--------------|---------------------------|-----------|--------------------------|------------|--------------|-----------------|-----------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Methyl parathion | 213 | 0.100 (ppm) | 50-150 | HIGH BIAS | Ochratoxin A | 175 | 0.0100 (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin G2 | 168 | 0.0100 (ppm) | 60-120 | HIGH BIAS | MGK-264 | 106 | 0.100 (ppm) | 50-150 | |
| Aflatoxin G1 | 152 | 0.0100 (ppm) | 60-120 | HIGH BIAS | Chlorfenapyr | 139 | 0.400 (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin B2 | 155 | 0.0100 (ppm) | 60-120 | HIGH BIAS | Cyfluthrin | 118 | 0.400 (ppm) | 50-150 | |
| Aflatoxin B1 | 161 | 0.0100 (ppm) | 60-120 | HIGH BIAS | Cypermethrin | 114 | 0.400 (ppm) | 50-150 | |
| Abamectin | 148 | 0.200 (ppm) | 50-150 | | Acephate | 163 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Acequinocyl | 218 | 1.00 (ppm) | 40-160 | HIGH BIAS | Acetamiprid | 149 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Aldicarb | 193 | 0.200 (ppm) | 60-120 | HIGH BIAS | Azoxystrobin | 170 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Bifenazate | 106 | 0.100 (ppm) | 60-120 | | Bifenthrin | 113 | 0.100 (ppm) | 50-150 | |
| Boscalid | 165 | 0.200 (ppm) | 60-120 | HIGH BIAS | Carbaryl | 151 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Carbofuran | 154 | 0.100 (ppm) | 60-120 | HIGH BIAS | Chlorantraniliprole | 163 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Chlorpyrifos | 107 | 0.100 (ppm) | 60-120 | | Clofentezine | 146 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Daminozide | 144 | 0.400 (ppm) | 60-120 | HIGH BIAS | DDVP (Dichlorvos) | 128 | 0.400 (ppm) | 60-120 | HIGH BIAS |
| Diazinon | 143 | 0.100 (ppm) | 60-120 | HIGH BIAS | Dimethoate | 155 | 0.100 (ppm) | 60-120 | HIGH BIAS |



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Quality Control

Batch: P23J042 - SOP.T.30.060 Pesticide Prep (Continued)

| LCS(P23J042-BS1) | | | Extracted: 10/11/23 10:56 | | | Analyzed: 10/12/23 09:38 | | | |
|--------------------|------------|-------------|---------------------------|-----------|-----------------|--------------------------|-------------|-----------------|-----------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Ethoprophos | 153 | 0.100 (ppm) | 60-120 | HIGH BIAS | Etofenprox | 182 | 0.200 (ppm) | 50-150 | HIGH BIAS |
| Etoazole | 123 | 0.100 (ppm) | 60-120 | HIGH BIAS | Fenoxycarb | 171 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Fenpyroximate | 131 | 0.200 (ppm) | 60-120 | HIGH BIAS | Fipronil | 162 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Flonicamid | 140 | 0.400 (ppm) | 60-120 | HIGH BIAS | Fludioxonil | 143 | 0.200 (ppm) | 50-150 | |
| Hexythiazox | 116 | 0.400 (ppm) | 60-120 | | Imazalil | 170 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Imidacloprid | 155 | 0.200 (ppm) | 60-120 | HIGH BIAS | Kresoxim-methyl | 155 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Malathion | 167 | 0.100 (ppm) | 60-120 | HIGH BIAS | Metalaxyl | 158 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Methiocarb | 151 | 0.100 (ppm) | 60-120 | HIGH BIAS | Methomyl | 154 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Myclobutanil | 155 | 0.100 (ppm) | 60-120 | HIGH BIAS | Naled | 166 | 0.200 (ppm) | 50-150 | HIGH BIAS |
| Oxamyl | 158 | 0.400 (ppm) | 60-120 | HIGH BIAS | Paclbutrazol | 155 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Permethrins | 159 | 0.100 (ppm) | 50-150 | HIGH BIAS | Phosmet | 162 | 0.100 (ppm) | 50-150 | HIGH BIAS |
| Piperonyl butoxide | 116 | 1.00 (ppm) | 60-120 | | Prallethrin | 147 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Propiconazole | 142 | 0.200 (ppm) | 60-120 | HIGH BIAS | Propoxur | 148 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Pyridaben | 139 | 0.100 (ppm) | 50-150 | | Pyrethrins | 141 | 0.400 (ppm) | 60-120 | HIGH BIAS |
| Spinosad | 145 | 0.100 (ppm) | 50-150 | | Spiromesifen | 118 | 0.100 (ppm) | 60-120 | |
| Spirotetramat | 162 | 0.100 (ppm) | 60-120 | HIGH BIAS | Spiroxamine | 78.7 | 0.200 (ppm) | 60-120 | |
| Tebuconazole | 149 | 0.200 (ppm) | 60-120 | HIGH BIAS | Thiacloprid | 153 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Thiamethoxam | 161 | 0.100 (ppm) | 60-120 | HIGH BIAS | Trifloxystrobin | 136 | 0.100 (ppm) | 60-120 | HIGH BIAS |

| LCS Dup(P23J042-BSD1) | | | Extracted: 10/11/23 10:56 | | | Analyzed: 10/12/23 09:38 | | | |
|-----------------------|------------|--------------|---------------------------|-----------|---------------------|--------------------------|--------------|-----------------|-----------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Methyl parathion | 234 | 0.100 (ppm) | 50-150 | HIGH BIAS | Ochratoxin A | 165 | 0.0100 (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin G2 | 180 | 0.0100 (ppm) | 60-120 | HIGH BIAS | MGK-264 | 126 | 0.100 (ppm) | 50-150 | |
| Aflatoxin G1 | 154 | 0.0100 (ppm) | 60-120 | HIGH BIAS | Chlorfenapyr | 173 | 0.400 (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin B2 | 146 | 0.0100 (ppm) | 60-120 | HIGH BIAS | Cyfluthrin | 127 | 0.400 (ppm) | 50-150 | |
| Aflatoxin B1 | 163 | 0.0100 (ppm) | 60-120 | HIGH BIAS | Cypermethrin | 108 | 0.400 (ppm) | 50-150 | |
| Abamectin | 157 | 0.200 (ppm) | 50-150 | HIGH BIAS | Acephate | 156 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Acequinocyl | 214 | 1.00 (ppm) | 40-160 | HIGH BIAS | Acetamiprid | 150 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Aldicarb | 181 | 0.200 (ppm) | 60-120 | HIGH BIAS | Azoxystrobin | 166 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Bifenazate | 118 | 0.100 (ppm) | 60-120 | | Bifenthrin | 111 | 0.100 (ppm) | 50-150 | |
| Boscalid | 163 | 0.200 (ppm) | 60-120 | HIGH BIAS | Carbaryl | 145 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Carbofuran | 149 | 0.100 (ppm) | 60-120 | HIGH BIAS | Chlorantraniliprole | 155 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Chlorpyrifos | 108 | 0.100 (ppm) | 60-120 | | Clofentezine | 157 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Daminozide | 124 | 0.400 (ppm) | 60-120 | HIGH BIAS | DDVP (Dichlorvos) | 130 | 0.400 (ppm) | 60-120 | HIGH BIAS |
| Diazinon | 152 | 0.100 (ppm) | 60-120 | HIGH BIAS | Dimethoate | 150 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Ethoprophos | 148 | 0.100 (ppm) | 60-120 | HIGH BIAS | Etofenprox | 168 | 0.200 (ppm) | 50-150 | HIGH BIAS |
| Etoazole | 127 | 0.100 (ppm) | 60-120 | HIGH BIAS | Fenoxycarb | 165 | 0.100 (ppm) | 60-120 | HIGH BIAS |



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Quality Control

Batch: P23J042 - SOP.T.30.060 Pesticide Prep (Continued)

| LCS Dup(P23J042-BSD1) | | | Extracted: 10/11/23 10:56 | | | Analyzed: 10/12/23 09:38 | | | |
|-----------------------|------------|-------------|---------------------------|-----------|-----------------|--------------------------|-------------|-----------------|-----------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Fenpyroximate | 134 | 0.200 (ppm) | 60-120 | HIGH BIAS | Fipronil | 158 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Flonicamid | 135 | 0.400 (ppm) | 60-120 | HIGH BIAS | Fludioxonil | 142 | 0.200 (ppm) | 50-150 | |
| Hexythiazox | 114 | 0.400 (ppm) | 60-120 | | Imazalil | 170 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Imidacloprid | 148 | 0.200 (ppm) | 60-120 | HIGH BIAS | Kresoxim-methyl | 154 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Malathion | 161 | 0.100 (ppm) | 60-120 | HIGH BIAS | Metalaxyl | 155 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Methiocarb | 144 | 0.100 (ppm) | 60-120 | HIGH BIAS | Methomyl | 146 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Myclobutanil | 149 | 0.100 (ppm) | 60-120 | HIGH BIAS | Naled | 155 | 0.200 (ppm) | 50-150 | HIGH BIAS |
| Oxamyl | 156 | 0.400 (ppm) | 60-120 | HIGH BIAS | Paclobutrazol | 153 | 0.200 (ppm) | 60-120 | HIGH BIAS |
| Permethrins | 151 | 0.100 (ppm) | 50-150 | HIGH BIAS | Phosmet | 158 | 0.100 (ppm) | 50-150 | HIGH BIAS |
| Piperonyl butoxide | 112 | 1.00 (ppm) | 60-120 | | Prallethrin | 170 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Propiconazole | 154 | 0.200 (ppm) | 60-120 | HIGH BIAS | Propoxur | 140 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Pyridaben | 138 | 0.100 (ppm) | 50-150 | | Pyrethrins | 134 | 0.400 (ppm) | 60-120 | HIGH BIAS |
| Spinosad | 157 | 0.100 (ppm) | 50-150 | HIGH BIAS | Spiromesifen | 121 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Spirotetramat | 158 | 0.100 (ppm) | 60-120 | HIGH BIAS | Spiroxamine | 79.2 | 0.200 (ppm) | 60-120 | |
| Tebuconazole | 150 | 0.200 (ppm) | 60-120 | HIGH BIAS | Thiacloprid | 150 | 0.100 (ppm) | 60-120 | HIGH BIAS |
| Thiamethoxam | 158 | 0.100 (ppm) | 60-120 | HIGH BIAS | Trifloxystrobin | 160 | 0.100 (ppm) | 60-120 | HIGH BIAS |

Notes and Definitions

| Item | Definition |
|-----------|---|
| HIGH BIAS | High analyte recovery, yet no detection of that analyte in samples. |



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